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7 the first station comprises a first transceiver which is operable to transmit both the real-
8 time and the non-real-time data,

9 / the second station comprises a second transceiver which is operable to receive the real-
10 time and/or the non-real-time data, and

11 P.S. the first station further comprises a controller for generating an output data stream
12 comprising the real-time data, the controller also allocating non-real-time packet data to the
13 output data stream when the data rate of the real-time data is less than the full data capacity of
14 the dual mode channel, which output data stream is transmitted by the transceiver over the
15 channel

16 the first station comprises a speech coding system which prepares the speech data for
17 transmission from a speech input, and

18 the controller receives timing information from the speech coding system indicating the
19 timing of interruptions in the speech data stream .

1 7. A method of operating a telecommunications system suitable for transmitting real-time data
2 and non-real-time packet data, the system comprising a first and a second communication station
3 and having a dual mode channel for communication of both the real-time and non-real-time data
4 from the first to the second station, the first station comprising a first transceiver which is
5 operable to transmit both the real-time and the non-real-time data, the second station comprising
6 a second transceiver which is operable to receive the real-time and/or non-real-time data,
7 wherein the method comprises